**Index of Claims** 



Application/Control No.

09/586,722

Examiner

C. Michelle Tarae

Applicant(s)/Patent under Reexamination

MCLEAN ET AL.

Art Unit

3623

| √ | Rejected |
|---|----------|
| = | Allowed  |

- (Through numeral) Cancelled

Restricted

Non-Elected
I Interference

A Appeal
O Objected

| EE         EO         EE         EO         EE         EE<   | Claim    |          | Date     |  |    |   |   |   |   |   |   | 1       | Claim [ |          |        |        |    |          | Data     |          |  |          |          |
|--|----------|----------|----------|--|----|---|---|---|---|---|---|---------|---------|----------|--------|--------|----|----------|----------|----------|--|----------|----------|
| 1       V       51       52         3       V       54       54         5       J       55       56         6       55       56       77         8       V       57       58         9       V       59       60         10       V       60       61         11       V       62       63         13       V       64       64         15       V       65       66         17       V       67       68         18       J       68       69         20       70       71       72         23       73       73       74         25       75       75       72         28       76       77       78         28       78       79       30         30       80       80       81         31       82       83       84         33       84       84       84         33       83       83       83         33       99       90       90         44       98   |          |          | Date     |  |    |   |   |   |   |   | 1 | Ciairii |         |          |        |        |    |          | _        | Т        | т -  |          |          |
| S2   | Final    | Original | 12/26/05 |  |    |   |   |   |   |   |   |         | Final   | Original |        |        |    |          |          |          |  |          |          |
| S2   |          |          | V        |  |    |   |   |   |   |   | T | 1       |         | 51       |        |        |    |          |          |          |  | T        |          |
| 3  |          | 2        | J        |  |    |   |   |   |   |   |   | 1       |         | 52       |        |        |    |          |          |          |  | İ        | П        |
| 4       7         5       7         6       6         7       8         9       7         10       7         11       7         12       7         11       7         12       7         60       61         11       7         62       63         13       7         63       63         14       7         15       7         16       7         17       7         18       7         19       68         19       69         20       70         21       7         22       7         23       73         24       74         25       75         28       78         29       79         30       80         31       81         32       82         33       83         34       84         35       85         36       86         37 </td <td></td> <td>3</td> <td>J</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>T</td> <td></td> <td>Г</td> <td>T</td> <td>Г</td> <td>1</td> <td>Т</td> <td></td> <td>П</td>  |          | 3        | J        |  |    |   |   |   |   |   |   | 1       |         |          | T      |        | Г  | T        | Г        | 1        | Т  |          | П        |
| 5  |          | 4        |          |  |    |   | Г | Г |   |   |   | 1       |         |          |        |        |    |          | 1        | T        |  |          | П        |
| Section   Sect |          | 5        | 1        |  |    | Π |   |   |   | Г |   | 1       |         |          |        |        | _  |          |          | T        |  | Ι.       |          |
| T  |          | 6        |          |  |    | Π |   |   |   |   |   | 1       |         |          |        |        |    |          |          |          |  | <u> </u> | Т        |
| S  | <u> </u> | 7        |          |  | Г  | 1 |   |   |   |   |   | 1       |         |          |        |        |    | T        |          | T        | Т  | Т        | Г        |
| 9  |          | 8        | V        |  | Г  |   |   |   |   |   |   | 1       |         |          |        |        | Г  |          | $\vdash$ | $\vdash$ | T  |          | П        |
| 10   |          |          | V        |  |    |   | Г |   | Г |   |   | 1       |         |          |        |        |    | T        |          |          |  | Г        | _        |
| 11   |          | 10       |          |  |    |   |   |   | Г |   |   | 1       |         |          | Г      |        |    |          |          |          | <del>                                     </del> | _        | Т        |
| 12   |          | 11       | 1        |  |    |   |   |   |   |   |   | 1       |         |          |        |        |    | 1        |          |          |  |          |          |
| 13   |          |          | 1        |  |    |   | T |   |   |   |   | 1       |         |          |        |        |    | T        |          | T        | $\vdash$   | _        |          |
| 14   |          |          | V        |  |    |   |   |   |   |   |   | 1       |         | 63       |        |        |    |          |          | $\vdash$ | Т  | -        | $\Box$   |
| 15   V   |          | 14       | V        |  |    |   |   | _ |   |   |   | 1       |         |          |        |        |    | Ι        |          | Т        |  |          |          |
| 16   |          |          |          |  |    |   |   |   |   | Г | Г | 1       |         |          |        |        | Γ. | <u> </u> |          | T        |  |          |          |
| 17   |          |          | V        |  |    |   |   |   |   |   |   | 1       |         |          |        |        |    | Ι        |          | T        |  |          |          |
| 18       J         19       68         20       70         21       J         22       J         23       73         24       74         25       75         26       76         27       77         28       79         30       80         31       81         32       82         33       83         34       84         35       85         36       86         37       87         38       89         40       90         41       91         42       92         43       94         44       94         45       96         47       97         48       98         99       99   |          |          | 1        |  |    |   |   |   |   |   |   | 1       |         |          |        |        |    |          |          | T        |  |          |          |
| 19   |          | 18       | J        |  | T  | Ī |   |   |   |   | Г | 1       |         |          |        |        |    |          |          |          |  |          |          |
| 20   |          | 19       |          |  |    |   |   |   |   |   | 1 | 1       |         |          |        |        |    |          |          | $\vdash$ |  |          |          |
| 21       V       71         22       V       72         23       73       74         25       75       76         27       77       77         28       78       79         30       80       81         31       81       82         33       83       83         34       84       85         36       86       85         36       86       87         38       88       88         39       89       90         41       91       91         42       92       93         43       94       94         45       96       96         47       97       98         49       99       99  |          |          |          |  |    |   |   |   | T |   |   | 1       |         |          |        |        | _  |          |          |          |  |          |          |
| 22   |          |          | <b>V</b> |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          | t        |  | _        |          |
| 23       73         24       74         25       75         26       76         27       77         28       78         29       79         30       80         31       81         32       82         33       83         34       84         35       85         36       86         37       87         38       88         39       89         40       90         41       91         42       92         43       94         44       94         45       96         47       97         48       98         49       99  |          | 22       | /        |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          |          | 1  |          |          |
| 24       74         25       75         26       76         27       77         28       79         30       80         31       81         32       82         33       83         34       84         35       85         36       86         37       87         38       88         39       89         40       90         41       91         42       92         43       94         44       94         45       96         47       97         48       98         49       99  |          |          |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          | T        |  |          |          |
| 25       75         26       76         27       77         28       78         29       79         30       80         31       81         32       83         33       84         35       85         36       86         37       88         39       89         40       90         41       91         42       92         43       94         44       94         45       96         47       97         48       98  |          |          |          |  |    |   |   |   |   |   |   |         |         | 74       |        |        |    |          |          |          | $\vdash$   |          | Н        |
| 26       76         27       77         28       78         29       79         30       80         31       81         32       82         33       83         34       84         35       86         37       87         38       88         39       89         40       90         41       91         42       92         43       94         44       94         45       96         47       97         48       98         49       99  |          |          |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          |          |  |          | Н        |
| 27       28       77       78         29       79       80       81         31       81       82       83         33       84       84       85         36       86       87       88         39       89       89       90         41       91       92       93         44       94       95       96         47       97       98       99  |          |          |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          |          |  | $\vdash$ | Н        |
| 28       78         29       79         30       80         31       81         32       82         33       83         34       84         35       85         36       86         37       87         38       88         39       89         40       90         41       91         42       92         43       93         44       94         45       96         47       97         48       98         49       99  |          |          |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          | T        |  |          | П        |
| 29     79       30     80       31     81       32     82       33     83       34     84       35     85       36     86       37     87       38     88       39     89       40     90       41     91       42     92       43     93       44     94       45     96       47     97       48     98       49     99  |          |          |          |  | Γ- |   |   |   |   |   |   |         | -       |          |        |        |    | Т        |          |          |  |          | П        |
| 30     80       31     81       32     82       33     83       34     84       35     85       36     86       37     87       38     88       39     89       40     90       41     91       42     92       43     93       44     94       45     96       47     97       48     98       49     99  |          |          |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    | T        |          |          |  |          | Н        |
| 31     81       32     83       33     84       35     85       36     86       37     87       38     88       39     89       40     90       41     91       42     92       43     93       44     94       45     96       47     97       48     98       49     99  |          | 30       |          |  |    |   |   |   |   |   | Г |         |         |          |        |        |    |          |          | $\vdash$ | <del>                                     </del> | $\vdash$ | Н        |
| 32     82       33     84       35     85       36     86       37     87       38     88       39     89       40     90       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |          |          |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          |          |  | $\vdash$ | М        |
| 33       83         34       84         35       85         36       86         37       88         38       88         39       89         40       90         41       91         42       92         43       93         44       94         45       95         46       96         47       97         48       98         49       99  |          |          |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          |          |  |          | П        |
| 34       84         35       85         36       86         37       88         38       87         39       88         40       90         41       91         42       92         43       93         44       94         45       95         46       96         47       97         48       98         49       99  |          | 33       |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          |          |  | _        | М        |
| 35     85       36     86       37     87       38     88       39     89       40     90       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |          | 34       |          |  |    |   |   |   |   |   |   |         |         |          | П      |        |    |          | $\vdash$ |          |  |          | М        |
| 36       86         37       88         38       88         39       89         40       90         41       91         42       92         43       93         44       94         45       95         46       96         47       97         48       98         49       99  |          | 35       |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          |          |  |          | П        |
| 37     87       38     88       39     89       40     90       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |          | 36       |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          | $\vdash$ |  |          | П        |
| 38     88       39     90       40     91       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |          | 37       |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          | _        | $\vdash$   |          | П        |
| 39     89       40     90       41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |          | 38       |          |  |    |   |   |   |   |   | Г |         |         |          |        |        |    |          |          |          |  |          | П        |
| 40       41       42       43       93       44       95       46       47       98       49   |          | 39       |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          | П        |  |          | П        |
| 41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98       49     99  |          |          |          |  |    |   |   |   |   |   |   |         |         | 90       |        |        |    | Г        |          |          |  |          |          |
| 42       43       44       45       46       47       48       49  |          | 41       |          |  |    |   |   |   |   |   |   |         |         | 91       |        |        |    |          | П        | l        |  |          |          |
| 43     93       44     94       45     95       46     96       47     97       48     98       49     99  |          | 42       |          |  |    |   |   |   |   |   |   |         |         | 92       |        |        |    |          |          |          |  |          |          |
| 44     94       45     95       46     96       47     97       48     98       49     99  |          | 43       |          |  |    |   |   |   |   |   |   |         |         | 93       |        |        |    |          |          |          |  |          |          |
| 45     95       46     96       47     97       48     98       49     99  |          | 44       |          |  |    |   |   |   |   |   |   |         |         |          |        | $\neg$ |    |          |          |          |  |          |          |
| 46 96 97 97 98 98 99 99 99 99 99 99 99 99 99 99 99   |          | 45       |          |  |    |   |   |   |   |   |   |         |         |          |        | $\neg$ | _  |          |          | П        |  |          | $\sqcap$ |
| 47<br>48<br>49<br>98<br>99   |          | 46       |          |  |    |   |   |   |   |   |   |         |         |          |        |        |    |          |          |          |  |          | $\neg$   |
| 48 98 99   |          | 47       |          |  |    |   |   |   |   |   |   |         |         | 97       |        | $\neg$ |    |          |          |          |  |          |          |
| 49 99 99   |          | 48       |          |  |    |   |   |   |   |   |   |         |         | 98       |        |        |    |          |          |          |  |          | $\Box$   |
|  |          | 49       |          |  |    |   |   |   |   |   |   |         |         | 99       | $\Box$ |        |    |          |          |          |  |          | $\sqcap$ |
| <u></u>  |          | 50       |          |  |    |   |   |   |   |   |   |         |         | 100      |        |        |    |          |          |          |  |          | П        |

| Cla             | Date              |              |              |            |          |   |              |              |          |                 |  |
|-----------------|-------------------|--------------|--------------|------------|----------|---|--------------|--------------|----------|-----------------|--|
|                 |                   |              |              |            | T        |   |              | Т            | П        |                 |  |
| ō               | Original          |              |              |            |          |   |              | 1            |          |                 |  |
| Final           | riĝi              |              |              |            |          |   |              | l            | 1        |                 |  |
| "               | Ō                 |              |              |            |          |   |              |              | ļ        |                 |  |
|                 | 101               | $\vdash$     | $\vdash$     | $\vdash$   | ├        | -   | $\vdash$     | $\vdash$     | ⊢        | $\vdash$        |  |
| _               | 101<br>102        | $\vdash$     |              | ├          | $\vdash$ | $\vdash$  | -            | ├            | ⊢        | $\vdash$        |  |
| <u> </u>        | 103               | <del> </del> | <del> </del> | -          | ⊢        | -   | -            | <del> </del> | $\vdash$ | $\vdash$        |  |
| <u> </u>        | 103               | -            | -            | ⊢          | <u> </u> | ├-  | ⊢            | -            | ⊢        | $\vdash$        |  |
| $\vdash$        | 104               | $\vdash$     | ⊢            | -          | <u> </u> | <u> </u>  | -            |              | -        |                 |  |
|                 | 105               | _            | _            | <b> </b> - | <u> </u> | <u> </u>  | Ь.           | <u> </u>     | <b>.</b> | Ш               |  |
|                 | 106               |              |              | <u> </u>   | <u> </u> |   | _            | <u> </u>     | <u> </u> | Щ               |  |
|                 | 107               |              | _            | _          | <u> </u> | <u> </u>  | _            |              | L.       |                 |  |
|                 | 108               |              |              | <u> </u>   |          |   | _            |              |          |                 |  |
|                 | 109               |              | _            |            |          |   | L.           |              |          |                 |  |
|                 | 110               |              | L            |            |          |   |              |              | L.       |                 |  |
|                 | 111               |              |              |            |          |   |              |              | _        | Ш               |  |
|                 | 112               |              |              |            |          |   | L            | L.           |          |                 |  |
|                 | 112<br>113        |              |              | _          | oxdot    | oxdot   | Ĺ            |              |          |                 |  |
|                 | 114               |              |              | L          | L        | L   | L            | L            | L        |                 |  |
|                 | 115               |              | L            |            |          |   |              |              |          |                 |  |
|                 | 116               |              |              | <u> </u>   |          |   |              | Г            | Π        |                 |  |
|                 | 117<br>118        |              |              |            |          |   |              | Г            | П        | П               |  |
|                 | 118               |              |              |            |          |   |              |              |          |                 |  |
|                 | 119               |              |              |            |          |   |              |              |          |                 |  |
|                 | 120<br>121<br>122 |              | _            |            |          |   |              |              | _        | Н               |  |
|                 | 121               |              | _            |            |          |   |              | -            |          |                 |  |
|                 | 122               |              | $\vdash$     |            |          |   | -            | -            | -        | Н               |  |
|                 | 123               |              | <del> </del> |            |          |   | -            | ╫            | ┢        | Н               |  |
| $\vdash$        | 123<br>124        |              |              |            | $\vdash$ | $\vdash$  |              | $\vdash$     | $\vdash$ | Н               |  |
| $\vdash$        | 125               |              |              | $\vdash$   |          | -   | -            | $\vdash$     | $\vdash$ | Н               |  |
| -               | 125<br>126<br>127 | _            |              | $\vdash$   |          | -   | $\vdash$     |              | ├        | Н               |  |
|                 | 127               | _            |              |            | -        | $\vdash$  |              | -            |          | Н               |  |
|                 | 128               | _            |              | -          |          |   | $\vdash$     | ┝            | -        | $\vdash$        |  |
| $\vdash$        | 128<br>129<br>130 | -            | _            | H          |          |   | ┝            | -            | $\vdash$ | $\vdash\vdash$  |  |
| $\vdash$        | 129               | _            |              | H          |          | -   | <u> </u>     | H            | H        | $\vdash\vdash$  |  |
| $\vdash$        | 130               |              |              |            |          |   | <u> </u>     |              | _        | Н               |  |
| $\vdash$        | 131<br>132        |              |              |            |          | <u> </u>  | _            | $\vdash$     | $\vdash$ | Н               |  |
| $\vdash \vdash$ | 132               |              |              | $\vdash$   | _        | <u> </u>  | <u> </u>     | <u> </u>     | <u> </u> | Щ               |  |
| $\vdash \vdash$ | 133               |              |              | $\vdash$   |          | $\vdash$  | <u> </u>     |              |          | Щ               |  |
| <b>  </b>       | 134               |              |              | <b>—</b>   | <u> </u> | <u> </u>  | <u> </u>     |              | L.,      | $\vdash \vdash$ |  |
| $\vdash$        | 135               |              | L            | <u> </u>   |          |   | Ь.           | L            | L        | $\vdash \dashv$ |  |
|                 | 136<br>137        |              | L.           |            |          |   | Щ.           |              |          | Щ               |  |
| $\vdash \vdash$ | 137               |              | $\vdash$     | Ш          |          | L   | L            |              | Щ.       | Щ               |  |
| $\vdash$        | 138               |              |              |            | <u> </u> | L   | L            | Щ.           | L.,      | Щ               |  |
| $\sqcup \sqcup$ | 139               |              |              | Ш          |          | $ldsymbol{ld}}}}}}$ | Ш            |              | $\perp$  | Ш               |  |
| $\sqcup$        | 140               |              |              |            |          |   | $oxed{oxed}$ |              |          | Ш               |  |
|                 | 141               |              |              |            |          | $oxedsymbol{oxed}$  |              |              |          |                 |  |
|                 | 142               |              |              |            |          | لــــا  |              |              |          |                 |  |
|                 | 143               |              |              |            |          |   |              |              |          |                 |  |
|                 | 144               |              |              |            |          |   |              |              |          |                 |  |
|                 | 145               |              |              |            |          |   |              |              |          |                 |  |
|                 | 146               |              |              |            |          |   |              |              |          |                 |  |
|                 | 147               |              |              |            |          |   |              |              |          |                 |  |
|                 | 148               |              |              | $\Box$     |          |   |              |              |          | $\dashv$        |  |
|                 | 149               |              |              |            |          | П   |              |              |          | Н               |  |
|                 | 150               |              |              | $\neg$     |          | H   | -            |              |          | $\dashv$        |  |
| لــــــا        | .50               |              |              |            |          | لـــا   |              |              |          |                 |  |